

WHAT IS CLAIMED IS:

1. A digital camera having a function of directly transmitting a digital image to a printer, comprising:

display means for displaying, before completion  
5 of a print process of a digital image transmitted from said digital camera to the printer, information indicating that a cable can be disconnected from said digital camera or the printer.

2. A digital camera having a function of directly  
10 transmitting a digital image to a printer, comprising:

display means for displaying, before completion  
of a print process of a digital image transmitted from said digital camera to the printer, information indicating that said digital camera is ready to  
15 photograph.

3. A printer for printing a digital image directly transmitted from a digital camera, comprising:

a function of informing the digital camera of reception of all digital images transmitted from the  
20 digital camera.

4. A digital camera which can be directly connected to a printer via a cable, and has a function of directly transmitting a sensed digital image data, comprising:

25 checking means for checking if a reception end message is received from a connected printer, after

digital image data to be printed is transmitted while the cable is connected; and

display means for, when said checking means receives the reception end message, displaying

5 information indicating that the cable can be disconnected.

5. A printer which can be directly connected to a digital camera via a cable, and prints an image received from the digital camera, comprising:

10 print control means for starting a print process upon detection of transmission of an image to be printed from the digital camera; and

transmission means for, when reception of the image to be printed is complete during the print  
15 process of said print control means, transmitting predetermined information that allows to disconnect the cable to the digital camera.

6. The printer according to claim 5, further comprising communication error handling control means  
20 for enabling communication error handling during reception of the image to be printed, and disabling communication error handling in a communication process for transmitting status information indicating a print status after said transmission means transmits the  
25 predetermined information to the digital camera.

7. A method of controlling a digital camera which can be directly connected to a printer via a cable, and

has a function of directly transmitting a sensed digital image data, comprising:

a checking step of checking if a reception end message is received from a connected printer, after  
5 digital image data to be printed is transmitted while the cable is connected; and

a display step of displaying, when the reception end message is received in the checking step, information indicating that the cable can be  
10 disconnected.

8. A method of controlling a printer which can be directly connected to a digital camera via a cable, and prints an image received from the digital camera, comprising:

15 a print control step of starting a print process upon detection of transmission of an image to be printed from the digital camera; and

a transmission step of transmitting, when reception of the image to be printed is complete during  
20 the print process in the print control step, predetermined information that allows to disconnect the cable to the digital camera.

9. The method according to claim 8, further comprising a communication error handling control step  
25 of enabling communication error handling during reception of the image to be printed, and disabling communication error handling in a communication process

for transmitting status information indicating a print status after the predetermined information is transmitted to the digital camera in the transmission step.

- 5    10.    A digital camera having a function of directly transmitting a digital image to a printer, comprising:

          display means for displaying, before completion of a print process of a digital image transmitted from said digital camera to the printer, information  
10    indicating that said digital camera can be brought outside a communication area with the printer.

11.    An image input apparatus having a function of directly transmitting a digital image to an image output device, comprising:

15           display means for displaying, before completion of an image outputting process of a digital image transmitted from said image input apparatus to the image output device, information indicating that a cable can be disconnected from said image input  
20    apparatus or the image output device.

12.    An image input apparatus having a function of directly transmitting a digital image to an image output device, comprising:

25           display means for displaying, before completion of an image outputting process of a digital image transmitted from said image input apparatus to the

image output device, information indicating that said image input apparatus is ready to photograph.

13. An image input apparatus having a function of directly transmitting a digital image to an image  
5 output device, comprising:

display means for displaying, before completion of an image outputting process of a digital image transmitted from said image input apparatus to the image output device, information indicating that said  
10 image input apparatus can be brought outside a communication area with the image output device.